

Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/009,837
Filing Date	January 20, 1998
First Named Inventor	Mills
Group Art Unit	<del>Unassigned</del> 1754
Examiner Name	<del>Unassigned</del> Lange
Attorney Docket Number	62-226-8A0

Sheet 1 of 14

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code* (if known)			
WAL		1,001,589		Hatfield	08-23-1911	
WAL		2,708,656		Fermi	05-17-1955	
WAL		3,297,484		Niedrach	01-10-1967	
WAL		3,300,345		Lyons	01-24-1967	
WAL		3,359,422		Pollock	12-19-1967	
WAL		3,377,265		Caeser	04-09-1968	
WAL		3,448,035		Serfass	06-03-1969	
WAL		3,669,745		Beccu	06-13-1972	
WAL		3,701,632		Lovelock	10-31-1972	<b>RECEIVED</b> <b>MAY 24 1999</b> <b>GROUP 3600</b>
WAL		3,755,128		Herwig	08-28-1973	
WAL		3,816,192		Brower	06-11-1974	
WAL		3,835,019		Lovelock	09-10-1974	
WAL		3,917,520		Katz	11-04-1975	
WAL		4,265,720		Winstel	05-05-1981	
WAL		4,274,938		Schulten	06-23-1981	
WAL		4,487,670		Bellanger	12-11-1984	
WAL		4,512,966		Nelson	04-23-1985	

Examiner Signature	WAYNE A. LANGE	Date Considered	11-17-99
-----------------------	----------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

[illegible]

Examiner Signature	<i>Wayne A. Lenz</i>	Date Considered	<i>11-17-99</i>
-----------------------	----------------------	--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
Examiner Name	<del>Unknown</del> Lange				
Sheet	3	of	14	Attorney Docket Number	62-226-8A0

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>5</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
WAL		WO	90/10935	A1	Pons	09-20-1990		
WAL		WO	90/14668	A2	Cravens	11-29-1990		
WAL		WO	91/01036	A1	Dufour	01-24-1991		
WAL		WO	91/08573	A1	Bush	06-13-1991		
WAL		WO	93/17437	A1	Bush	09-02-1993		
WAL		WO	94/10688	A1	Dufour	05-11-1994		
WAL		WO	94/14163	A1	McKubre	06-23-1994		
WAL		WO	94/15342	A1	McKubre	07-07-1994		
WAL		WO	95/20816	A1	Piantelli	08-03-1995		
WAL		WO	90/13126	A1	Mills	11-01-1990		
WAL		WO	92/10838	A1	Mills	06-25-1992		
WAL		WO	94/29873	A1	Mills	12-22-1994		
WAL		WO	96/42085	A2	Mills	12-27-1996		
WAL		EP	0 392 325	A3	Semiconductor Energy	10-17-1990		
WAL		EP	0 395 066	A2	Matsushita Electric Ind	10-31-1990		
WAL		JP	53-134792		Ind. Res. Inst. Of Japan	11-24-1978		X
WAL		JP	56-136644		Hitachi	03-28-1980		X

Examiner Signature	Wayne A. Lange	Date Considered	11-17-99
-----------------------	----------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/009,837	
			Filing Date	January 20, 1998	
			First Named Inventor	Mills	
			Group Art Unit	<del>Unknown</del> 1754	
			Examiner Name	<del>Unknown</del> Lange	
Sheet	4	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Albagli, et. al., "Measurement and Analysis of Neutron and Gamma-Ray Emission Rates, Other Fusion Products, and Power in Electrochemical Cells Having Pd . (no date)	
WAL		Alber, et. al., "Search for Neutrons from Cold Nuclear Fusion", Z. Phys. A - Atomic Nuclei, Vol. 333, 1989, pp. 319-320. (no month)	
WAL		Alessandrello, et. al., "Search for Cold Fusion Induced by Electrolysis in Palladium", II Nuovo Cimento, Vol. 103A, No. 11, November 1990, pp. 1617-1638.	
WAL		Associated Press, "Panel Opposes Cold Fusion Efforts", The Washington Post, July 13, 1989, p. A14.	
WAL		The Associated Press, "Pennsylvania Company...Cold Fusion Mystery"; 1991, Lexis Nexis Reprint. (no month)	
WAL		Associated Press, "Physicist: Utah Cold-Fusion Gear Doesn't Work", The Washington Post, March 29, 1990, p. A3.	
WAL		Balke, et. al., "Limits on Neutron Emission From "Cold Fusion" in Metal Hydrides", Physical Review C, Vol. 42, No. 1, July 1990, pp. 30-37.	
WAL		Benetskii, et. al., "An Attempt to Observe Cold Thermonuclear Fusion in a Condensed Medium", 4, May 1989, Nuclear Research Institute, AS USSR, pp. 75-78.	
WAL		Besenbacher, et. al., "Search for Cold Fusion in Plasma-Charged Pd-D and Ti-D Systems", Journal of Fusion Energy, Vol. 9, No. 3, September 1990, pp. 315-317.	

Examiner Signature	Wayne A. Lange	Date Considered	11-17-99
--------------------	----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Langel
Sheet	5	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Bishop, "More Labs Report Cold Fusion Results", Wall Street Journal, Oct. 19, 1992.	
WAL		Bishop, "It ain't over til it's over ... Cold Fusion", Popular Science, Aug. 1993, pp. 47-51.	
WAL		Black Light Power, "Executive Summary", January 11, 1999, pp. 1-6.	
WAL		Boston Globe, Wednesday, April 19, 1989, "Successful nuclear fusion experiment by the Italians",	
WAL		Braaten, "Ridiculously Easy Test Yields Claim of Energy Triumph," The Washington Times, March 24, 1989, p. A5.	
WAL		Broad, "2 Teams Put New Life in Cold Fusion Theory", New York Times, April 26, 1991, p. A18.	
WAL		Browne, "Fusion Claims is Greeted With Scorn by Physicists", The New York Times, May 3, 1989, pp. A1 and A22.	
WAL		Browne, "Physicists Put Atom in 2 Places at Once", The New York Times. (no date)	
WAL		Bush, et. al., "Power in a Jar: the Debate Heats Up", 88 Bus. Week, Science & Technology, Oct. 26, 1992.	
WAL		Bush, et. al., "Helium Production During the Electrolysis...Experiments", J. Electroanal Chem., Vol. 304 (1991), pp. 271-278. (no month)	
WAL		Bush, et. al., "Helium Production During the Electrolysis...Experiments", Preliminary Note, Univ. of Texas, pp. 1-12. (no date)	
WAL		Catlett, et. al., "Hydrogen transport in lithium hydride as a function of pressure" The Journal of Chemical Physics, 58(8), 3432-3438 (April 1978).	
WAL		Chapline, "Cold Confusion", UCRL-101583, July 1989, pp. 1-9.	
WAL		Chien, et. al., "On an Electrode... Tritium and Helium", J. Electroanal Chem., 1992, pp. 189-212. (no month)	
WAL		Close, "Too Hot to Handle-The Race for Cold Fusion", Princeton University Press, 1989. (no month)	

Examiner Signature	Wayne A. Langel	Date Considered	11-17-99
--------------------	-----------------	-----------------	----------

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Langel
Sheet	6	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Cooke, ORNL/FTR-3341, July 31, 1989, pp. 2-15.	
WAL		Cribier, et. al., "Conventional Sources of Fast Neutrons in Cold Fusion Experiments", Physics Letters B, Vol. 228, No. 1, September 7, 1989, pp. 163-166.	
WAL		Cridle, "The Roles of Solution...Excess Heating", Electrochemical Science & Technology Centre, Univ. of Ottawa. (no date)	
WAL		Datz, et. al., "Molecular Association in Alkali Halide Vapors", Journal of Chemical Physics, vol. 34, no. 5, (Feb. 1961), pp.558-564.	
WAL		Dagani, "Cold Fusion-Utah Pressures Pons, Fleischmann", January 14, 1991, C&EN, pp. 4-5.	
WAL		Dagani, "Latest Cold Fusion Results Fail to Win Over Skeptics", June 14, 1993, C&EN, pp.38-40.	
WAL		Dagani, "New Evidence Claimed for Nuclear Process in 'Cold Fusion'", C&EN Washington, (April 1991), pp. 31-33	
WAL	✓	Experimental Verification by Idaho National Engineering Laboratory, pp. 13-25. (no date)	
WAL		Faller, et. al., "Investigation of Cold Fusion in Heavy Water", J. Radioanal. Nucl. Chem., Letter, Vol. 137, No. 1, August 21, 1989, pp. 9-16.;	
WAL		Hajdas, et. al., "Search for Cold-Fusion Events", Solid State Communications, Vol. 72, No. 4, 1989, pp. 309-313. (no month)	
WAL		Hardy, et. al., "The Volatility of Nitrates and Nitrites of the Alkali Metals", Journal of the Chemical Society, pp. 5130-5134 (1963). (no month)	
WAL		Hilts, "Significant Errors Reported in Utah Fusion Experts," The Washington Post, May 2, 1989, pp. A1 and A7.	
WAL		Horanyi, "Some Basic Electrochemistry and the Cold Nuclear Fusion of Deuterium", J. Radioanal. Nucl. Chem., Letters, Vol. 137, No. 1, August 21, 1989, pp. 23-28.	

Examiner Signature	<i>Wayne A. Langel</i>	Date Considered	11-17-99
--------------------	------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Langel
Sheet	7	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Huizenga, "Cold Fusion-The Scientific Fiasco of the Century", Oxford University Press, 1993. (no month)	
WAL		Huizenga, "Cold Fusion Labeled Fiasco of the Century", Forum for Applied Research and Public Policy, Vol. 7, no. 4, pp. 78-83. (no date)	
WAL		Jones, (article by Dagani), "Cold Fusion Believer .... Research", June 5, 1995, C&EN, pp. 34-41.	
WAL		Jones, "Current Issues in Cold Fusion ... Particles", Surface and Coatings Technology, 51 (1992), pp. 283-289. (no month)	
WAL		Jones, et. al., "Faradic Efficiencies ... Cells", J. Phys. Chem. 1995, pp. 6973-6979. (no month)	
WAL		Jones, et. al., "Examination of Claims of Miles ... Experiments", J. Phys. Chem. 1995, pp. 6966-6972. (no month)	
WAL		Ivanco, et. al., "Calorimetry For a Ni/K <sub>2</sub> CO <sub>3</sub> Cell", AECL Research, June 1994.	
WAL		Kahn, "Confusion in a Jar", Nova 1991. (no month)	
WAL		Karabut, et. al., "Nuclear Product...Deuterium", Physics Letters A170, (1992), pp. 265-272. (no month)	
WAL		Klein, "Attachments to Report of Cold Fusion Testing", Cold Fusion, No. 9, pp. 16-19. (no date)	
WAL		Kreysa, et. al., "A Critical Analysis of Electrochemical Nuclear Fusion Experiments", J. Electroanal. Chem., Vol. 266, 1989, pp. 437-450. (no month)	
WAL		Labov, "Spectral Observations...Background", The Astrophysical Journal, 371, April 20, 1991, pp. 810-819.	
WAL		Leggett, et. al., "Exact Upper Bound...'Cold Fusion'", Physical Review Letters, Vol. 63, No. 2, (July 1989), pp. 190-194.	
WAL	1	Lehigh X-Ray Photoelectron Spectroscopy Report, December 8, 1993.	
WAL		Lewis, et. al., "Searches for Low-Temperature Nuclear Fusion of Deuterium in Palladium", Nature, Vol. 340, August 17, 1989, pp. 525-530.	

Examiner Signature	Wayne A. Langel	Date Considered	11-17-99
--------------------	-----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
Examiner Name	<del>Unknown</del> Langel				
Sheet	8	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Maly, et. al., "Electron Transitions on Deep Dirac Levels I", ANS Reprint, Fusion Technology, Vol. 24, (Nov. 1993), pp. 307-318.	
WAL		McNally, "On the Possibility of a Nuclear Mass-Energy Resonance in D + D Reactions at Low Energy", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 237-239.	
WAL	/	Miles, et. al., "Search for Anomalous Effects... Palladium Cathodes", Naval Air Warfare Center Weapons Division, Proceedings of 3 <sup>rd</sup> Int. Conf. on Cold Fusion, Nagoya, Japan, (Oct. 1992), pp. 21-25.	
WAL		Miles et al, "Correlation of Excess... Palladium Cathodes", J. Electronl. Chem., 1993, pp. 99-117. (no month)	
WAL		Miles et al, "Heat and Helium...Experiments", Conference Proceedings, Vol. 33, 1991, pp. 363-372. (no month)	
WAL		Miles et al, "Electrochemical...Palladium Deuterium System", J. Electroanal Chem., 1990, pp. 241-254. (no month)	
WAL	/	Mills, et al, "Dihydrino Molecule Identification", Fusion Technology, Vol. 25, Jan., 1994, pp 103-119.	
WAL	/	Mills, et. al., "Fractional Quantum...Hydrogen", Fusion Technology, Vol. 28, Nov. 1995, pp. 1697-1719.	
WAL		Mills, et. al., "Excess Heat Production...Cold Fusion", Fusion Technology, Vol. 20, Feb. 1991, pp. 65-81.	
WAL		Mills, Unification of Spacetime, the Forces, Matter, Energy, HydroCatalysis Power Corporation, 1992, pp. 53-84. (no month)	
WAL		Mills, "The Grand Unified Theory of Classical Quantum Mechanics", pp. 1-9. (no date)	
WAL	/	Mills, "Hydrocatalysis Power Technology", Statement of Dr. Randell L. Mills, May, 1993.	
WAL	/	Mills Technologies, "1KW Heat Exchanger System", Thermacore, Inc., Oct. 11 1991, pp. 1-6.	

Examiner Signature	<i>Wayne A. Langel</i>	Date Considered	11-17-99
--------------------	------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/009,837	
			Filing Date	January 20, 1998	
			First Named Inventor	Mills	
			Group Art Unit	<del>Unknown</del> 1754	
			Examiner Name	<del>Unknown</del> Langel	
Sheet	9	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL	1	Mills Technologies, "1KW Heat Exchanger System", Thermacore, Inc., April 17, 1992, pp. 1-6,	
WAL	1	Miskelly, et. al., "Analysis of the Published Calorimetric Evidence for Electrochemical Fusion of Deuterium in Palladium", Science, Vol. 246, No. 4931, November 10, 1989, pp. 793-96.	
WAL	1	Monroe, et. al., "A Schrodinger Cat Superposition State of an Atom", Science, Vol. 272, (May 24, 1996), pp 1131-1101.	
WAL		Morrison, "Review of Progress in Cold Fusion", Transactions of Fusion Technology, Vol. 26, Dec. 1994, pp. 48-55.	
WAL		Morrison, "Cold Fusion Update No. 12, ICCPG", Jan. 17, 1997, available online at "www.skypoint.com".	
WAL	1	Niedra, "Replication of the Apparent Excess Heat Effect in Light Water ... Cell", NASA Technical Memorandum 107167, (Feb. 1996).	
WAL		Nieminen, "Hydrogen atoms band together", Nature, Vol. 356, 26 March 1992, pp. 289-291.	
WAL		Noninski, et. al., "Determination...Heavy Water", Fusion Technology, 1990, Vol. 19, pp. 365-367. (no month)	
WAL		Noninski, "Excess Heat During the Electrolysis of a Light Water...Nickel Cathode", Fusion Technology, Vol. 21, March 1992, pp. 163-167.	
WAL		Notoya, et. al., "Excess Heat Production in Electrolysis ... Electrodes", Proceedings of the Int. Conf. on Cold Fusion, Oct. 21-25, 1992, Tokyo, Japan.	
WAL		Notoya, "Cold Fusion ... Nickel Electrode", Fusion Technology, Vol. 24, pp. 202-204 (1993). (no month)	
WAL		Notoya, "Tritium Generation ... Nickel Electrodes", Fusion Technology, Vol. 26, pp. 179-183 (1994). (no month)	
WAL		Ohashi, et al, "Decoding of Thermal Data in Fleischmann & Pons Paper", J. of Nucl. Sci.. & Tech., Vol. 26, No. 7, July 1989, pp. 729-732.	

Examiner Signature	Wayne A. Langel	Date Considered	11-17-99
--------------------	-----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/009,837	
			Filing Date	January 20, 1998	
			First Named Inventor	Mills	
			Group Art Unit	<del>Unknown</del> 1754	
			Examiner Name	<del>Unknown</del> Lange	
Sheet	10	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Oka, et. al., "D <sub>2</sub> O-fueled fusion power reactor using electromagnetically induced D-D <sub>n</sub> , D-D <sub>p</sub> , and Deuterium-tritium reactions-preliminary design of a reactor system", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 263-267.	
WAL		Ohmori, et. al., "Excess Heat Evolution ... Tin Cathodes" Fusion Technology, Vol. 24, pp. 293-295 (1993). (no month)	
WAL		Price, et. al., "Search for Energetic-Charged Particle Emission from Deuterated Ti and Pd Foils", Physical Review Letters, Vol. 63., No. 18, pp. 1926-1929 (10/30/1989).	
WAL		Rees, "Cold Fusion...What Do We Think?", Journal of Fusion Energy, (1991), Vol. 10, No. 1, pp. 110-116. (no month)	
WAL		Rogers, "Isotopic hydrogen fusion in metals", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 2254-259.	
WAL		Rousseau, "Case Studies in Pathological Science", Vol. 80, American Scientist, (1992), pp. 54-63. (no month)	
WAL		Rout, et. al., "Phenomenon of Low Energy Emissions from Hydrogen/Deuterium Loaded Palladium", 3 <sup>rd</sup> Annual Conference on Cold Fusion (Oct. 21-25, 1992).	
WAL		Salamon, et. al., "Limits ... Electrolytic Cells", Nature, Vol. 344, March 29, 1990, pp. 401-405.	
WAL		Schrieder, et. al., "Search for Cold Nuclear Fusion in Palladium-Deuterium", Z. Phys. B-Condensed Matter, Vol. 76, No. 2, 1989, pp. 141-142. (no month)	
WAL		Service, "Cold Fusion: Still Going", Newsweek Focus, July 19, 1993.	
WAL		Shani, et. al., "Evidence for a Background Neutron Enhanced Fusion in Deuterium Absorbed Palladium", Solid State Communications, Vol. 72, No. 1, 1989, pp. 53-57. (no month)	
WAL		Shaubach, et. al., "Anomalous Heat...Carbonate", Thermacore, Inc., pp. 1-10. (no date)	
WAL		Srinivasan, et. al., "Tritium and Excess Heat Generation during Electrolysis of Aqueous Solutions of Alkali Salts with Nickel Cathode", 3 <sup>rd</sup> Annual Conference on Cold Fusion (Oct. 21-25, 1992).	

Examiner Signature	WAYNE A. LANGE	Date Considered	11-17-99
-----------------------	----------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Langel
Sheet	11	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Stein, "Theory May Explain Cold Fusion Puzzle", Lexis Reprint, Washington News, April 25, 1991.	
WAL		Storms, et. al., "Electrolytic Tritium Production", Fusion Technology, Vol. 17, July 1990, pp. 680-695.	
WAL		Stripp, "Georgia Group Outlines Errors That Led to Withdrawal of Cold Fusion Claims", The Wall Street Journal, April 26, 1989, p. B4.	
WAL		Suplee, "Two New Theories on Cold Fusion... Scientists"; The Washington Post 1 <sup>st</sup> Section, p. A11, (1991). (no month)	
WAL		Taubes, "Bad Science", Random House, 1993, pp. 303, 425-481. (no month)	
WAL		Vaselli et al., "Screening Effect of Impurities in Metals: A possible Explanation of the Process of Cold Nuclear Fusion", 11 Nuovo Cimento Della Societa Italiana di Fisica, Vol. 11D, No. 6, June 1989, (Bologna, Italy), pp. 927-932.	
WAL		Williams, "Upper Bounds on Cold Fusion in Electrolytic Cells", Nature, vol. 342, 23 November 1989, pp. 375-384.	
WAL		Yamaguchi et al, "Direct Evidence... Palladium", NTT Basic Research Laboratories, (1992) pp. 1-10. (no month)	
WAL		Ziegler, et. al., "Electrochemical Experiments in Cold Nuclear-Fusion", Physical Review Letters, Vol. 62, No. 25, June 19, 1989, pp. 2929-2932.	
WAL		Zweig, "Quark Catalysis of Exothermal Nuclear Reactions", Science, Vol. 201, (1978), pp. 973-979. (no month)	
WAL		Fleming et al., "Calorimetric Studies of Electrochemical Incorporation of Hydrogen Isotopes into Palladium", J. of Fusion Energy, vol. 9, No. 4, (Dec. 1990), pp. 517-524.	
WAL		Broad, "Cold Fusion Claim is Faulted on Ethics as Well As Science" New York Times, (March 17, 1991) pp. 1 and 30.	
WAL		Taubes, "Cold Fusion Conundrum At Texas A&M", Science, Vol. 248, (June 15, 1990), pp. 1299-1304.	

Examiner Signature	Wayne Langel	Date Considered	11-17-99
-----------------------	--------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Lange
Sheet	12	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Henderson et al., "More Searches for Cold Fusion", J. of Fusion Energy, Vol. 9, No. 4, (December, 1990), pp. 475-477	
WAL		Bosch et al., "Electrochemical Cold Fusion Trials At IPP Garching", J. of Fusion Energy, Vol. 9, No. 2, (June 1990), pp. 165-186	
WAL		Rogers et al., "Cold Fusion Reaction Products and Their Measurement", J. of Fusion Energy, Vol. 9, No. 4, (December 1990), pp. 483-485	
WAL		Albagli, et al., "Measurement and Analysis of Neutron and Gamma-ray Emission Rates...", J. of Fusion Energy, Vol. 9, No. 2, (June 1990), pp. 133-148	
WAL		Myers et al. "Search for Cold Fusion at D/Pd > 1 Using Ion Implantation", J. of Fusion Energy, Vol. 9, No. 3, (1990) pp. 30-37, (no month)	
WAL		Wilson et al., "Analysis of experiments on the calorimetry of LiOD-D <sub>2</sub> O electrochemical cells", J. of Electroanalytical Chemistry, Vol. 332, Nos. 1 and 2, (August 14, 1992) pp. 1-31	
WAL		Silvera et al., "Deuterated palladium at temperatures from 4.3 to 400 K and pressures to 105 kbar: Search for cold fusion", Physical Review B, Vol. 42, No. 14, (November 15, 1990) pp. 9143-9146	
WAL		Ewing et al., "A sensitive Multi-detector Neutron Counter...", IEEE transactions on Nuclear Science, Vol. 37, No. 3, (June 1990) pp. 1165-1170	
WAL		Hadfield, "Lukewarm reception for Japanese cold fusion", New Scientist, (October 31, 1992) Page 10	
WAL		Taylor et al., "Search for neutrons from deuterated palladium subject to high electrical currents", LA-UR 94-970 (May 4, 1994), pp. 1-11	
WAL		Huizenga, "Cold Fusion", C & EN Vol. 70, (July 20, 1992) Page 3	
WAL		Huizenga, abstract from "New developments in the cold fusion saga" Abstracts of papers of the American Chemical Society, Vol. 207 (March 13, 1994), page 6	

Examiner Signature	<i>Wayne A. Lange</i>	Date Considered	11-17-99
--------------------	-----------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	Unknown 1754
				Examiner Name	Unknown Laygel
Sheet	13	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Dagani, "Cold fusion believer turned skeptic crusades for more rigorous research", C & EN (June 5, 1995) pp 34-35, 38 and 40.	
WAL		Morrison, "Review of cold fusion" Sov. Phys. Usp. 34, (December 1991) pp.1055-1060.	
WAL		Morrison, "Comments on claims of excess enthalpy by Fleischmann and Pons using simple cells made to boil", Physics Letters A, Vol. 185, (February 1994) pp. 498-502.	
WAL		Merriman et al., "An attempted replication of the CETI cold fusion experiment" pages 1-17 available at <a href="http://www.math.ucla.edu/~barry/CF/CETIX.html">http://www.math.ucla.edu/~barry/CF/CETIX.html</a> (no date)	
WAL		"Italy-Cold Fusion & Judge's Verdict" (1996), pp. 1-3, available at <a href="http://www.padrak.com/ine/CFLIBEL.html">http://www.padrak.com/ine/CFLIBEL.html</a> (no month)	
WAL		Miller, Memo from Bennett Miller to Dr. Robert W. Bass, dated October 9, 1997, pp. 1-10.	
WAL		Morrison, "Cold Fusion Update No. 10, dated April 1, 1995, available at <a href="http://www.skypoint.com/members/jlogajan/files/morrison.txt">http://www.skypoint.com/members/jlogajan/files/morrison.txt</a> , pp.1-8.	
WAL		Shelton et al., "An assessment of claims of 'excess heat' in 'cold fusion' calorimetry", Thermochimica Acta 297 (1997), pp. 7-15 (no month)	
WAL		Shkedi et al., "Calorimetry, excess heat and Faraday efficiency...", Fusion Technology, Vol. 28 (November 1995) pp. 1720-1731.	
WAL	1	"EarthTech's Campaign to Replicate one of the BackLight Power Excess Heat Results --20 DEC97, available at : <a href="http://www.eden.com/~little/blp/prelim.html">http://www.eden.com/~little/blp/prelim.html</a> , pp.1-41.	
WAL		Jones, "Serious Flaws in Patterson (SOFE '95) Demo on Cold Fusion", available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (no month)	
WAL	6	Blue, "Cold Fusion Lies #6", pages 1, 2, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (no date)	
WAL	1	Blue, "Randell Mills' sells pot shards" pages 1, 2, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (no date)	
WAL		Briars, "Critique of "New Energy, New Physics" story, pp. 1-9, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (no date)	

Examiner Signature	Wayne A. Laygel	Date Considered	11-17-99
--------------------	-----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

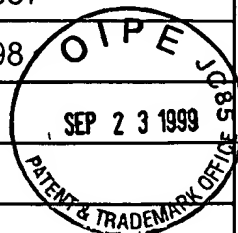
Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	January 20, 1998
				First Named Inventor	Mills
				Group Art Unit	<del>Unknown</del> 1754
				Examiner Name	<del>Unknown</del> Lange
Sheet	14	of	14	Attorney Docket Number	62-226-8A0

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Fusion Digest, "Cold Nuclear Fusion Bibliography", 1993, (no month)	
WAL		Fusion Digest, "Heat? Neutrons? Charged Particles?", 1993, (no month)	
WAL		Brodowsky, "Solubility and diffusion of hydrogen and deuterium in palladium and palladium alloys", Technical Bulletin, Engelhard Indust., vol. 7, no. 1-2 (1966), pp. 41-50. (no month)	
WAL		Prop. to the United Press, "Theory May Explain 'Cold Fusion' Puzzle"; 1991; Lexis Nexis Reprint, (no month)	

Examiner Signature	Wayne A. Lange	Date Considered	11-17-99
--------------------	----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/009,837
				Filing Date	1/20/1998
				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Langel
Sheet	1	of	1	Attorney Docket Number	



OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		Vigier, "New Hydrogen Energies in Specially Structured Dense Media : Capillary Chemistry and Capillary Fusion," Proceedings of the Third Annual Conf. on Cold Fusion, Nagoya, Japan, October 21-25, 1992, H. Ikegami, Ed. Universal Academy Press., pp. 325-334.	
WAL		Dufour, et. al., "Interaction of Palladium/Hydrogen and Palladium/Deuterium to Measure the Excess Energy Per Atom for Each Isotope," Fusion Technology, Vol. 31, pp. 198-209, March 1997.	
WAL		Vigier, "New Hydrogen (Deuterium) Bohr Orbits," Proc. ICCF4, Vol. 4, p. 7-1 (1994). <i>One month</i>	
WAL		Rosenblum, "Four Interviews With Dr. Randell Mills on New Energy, New Physics", Re: (ise-I) Institute for Social Ecology Newsletter, Feb. 2, 1998.	
WAL		Rosenblum, "Celebrating Y2K Could Prevent Panic, Ease Transition", Re: (ise-I) Institute for Social Ecology Newsletter, Dec. 22, 1998.	

TC 11/18/99  
11-18-99

Examiner Signature	WAYNE A. LANGE	Date Considered	11-18-99
--------------------	----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.